Rapid Sub-basin Assessments Klamath Basin Sprague River

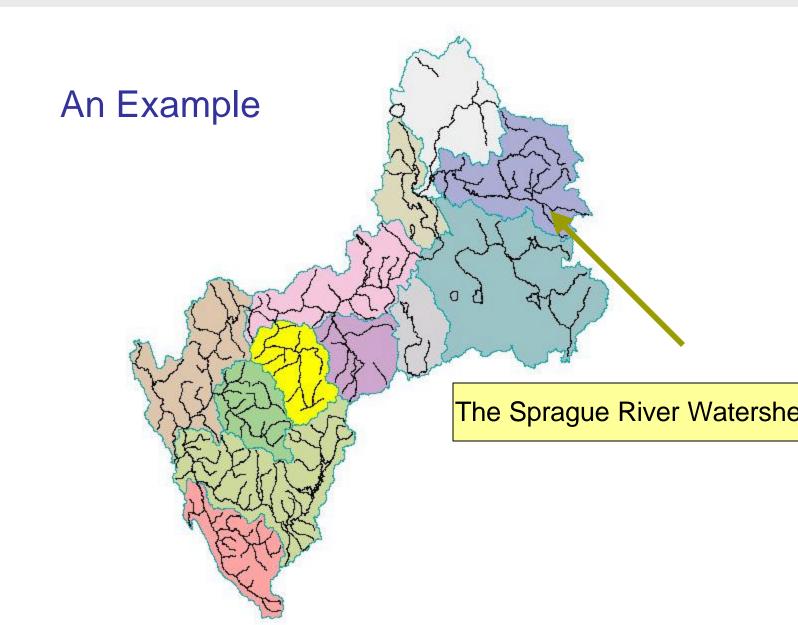


Watershed Planning Services, Davis, California

November 2003 Mark Cocke



GIS organizes Watershed-Level Information





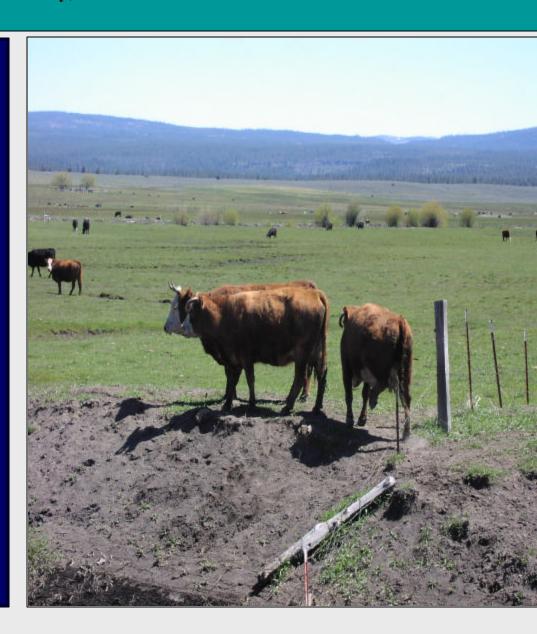
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Conservation Districts' Goal

A reliable water supply for agriculture in the Upper Klamath Basin.

Conservation Districts' Primary Resource Concerns

- •Water Demand
- •Water Storage
- •Water Quality
- •Habitat & Fish Survival



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imary Planning Team Objective

ovide the Conservation Districts information with which to:

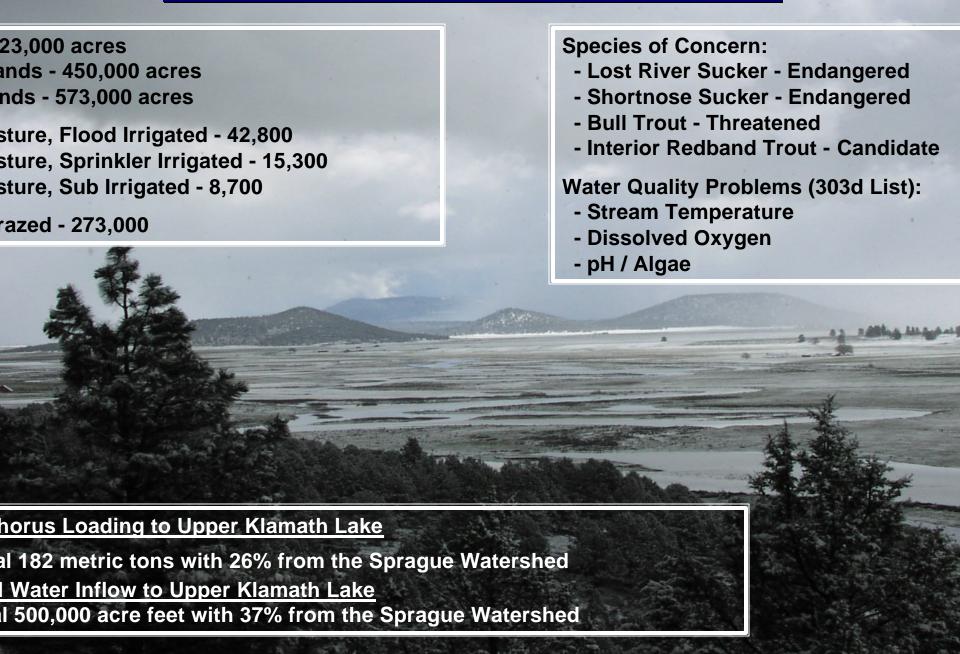
- Make decisions,
- Set priorities, and
- Determine what the best conservation activities are
- to achieve their goals and objectives.

<u>tes</u>

- his is a dynamic planning and decision-making process.
- District decisions can be made by subbasin, resource concern or a combination of both.
- The goal of this planning effort is <u>not</u> a grand, final plan but to provide
- Districts with resource information over the course of the next 9 to 12 nonths.
- s planning progresses to implementation, responsibilities will shift to District, local NRCS planners and other field staff.

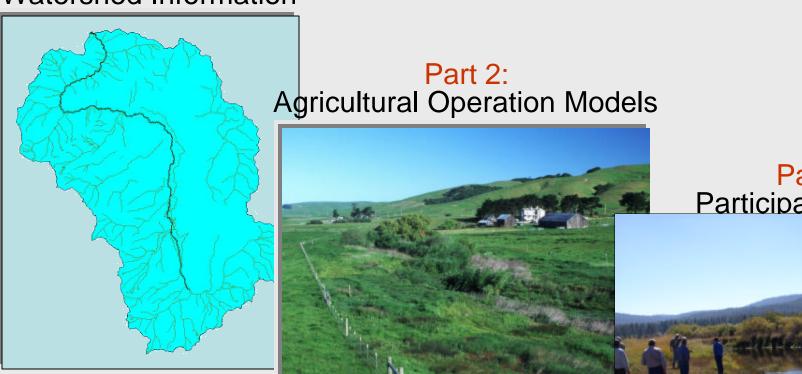


Overview of the Sprague River Subbasin



Watershed Planning Approach: Three Parts

Part 1: Watershed Information



Part 3: Participation Rates



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23 Way, 2002											
River Subbasin Conservation Activities for Irrigated Pasture and Hayland											
onditions		Total acres	Riparian/ Wetland Potential								
l Pasture/Hayland		66,650	4,822								
gement Unit/Ownership		500	40								
rigated Pasture/Hayland		42,614	4,398								
r Irrigated Pasture/Hayl	and	15,307	215								
gated Pasture/Hayland		8,729	209								
sion (OWRD)		140									
nditions for Irrigated	l Pastu	ire and	Hayland								
re & Hayland	Quantity		Costs		Effects				Implementatio		
	l lait	Ou antitu	Additional Investment	Annual O&M and Mngt.	Water	Water	Fish	WO	EQIP	WHIP	CREP
Ces Irrigation	Unit Ac.	Quantity 42,614	Cost	Cost	Demand -3	Storage -/+	Habitat -2	WQ -3	Ш	>	0
Irrigation sion:pump,well or gravit		42, 014 170		\$221,593	-	-/+	-2	-3			
ery System ditch	ft.	852,280		\$1,705							
-Boundary	mi.	341		\$40,909							
ler Irrigation	Ac.	15,307		ψ .ο,οοο	+1	0	-1	+1			
sion - pump	ea.	61		\$220,421							
ery System	ft.	153,070		\$30,614							
ion System-Sprinkler	no.	61		\$79,351							
-Boundary	mi.	122		\$14,695							
rigated Wet Meadow	Ac.	8,729			0	0	-/+	-/+			
rigated Wet Meadow	Ac.	8,729		\$0							

\$8,380

70

mi.

-Boundary